

# United States Patent Office.

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EMILE GRANIER.

*Letters Patent No. 63,733, dated April 9, 1867.*

## IMPROVED COMPOUND FOR PRINTER'S INK.

*The Schedule referred to in these Letters Patent and making part of the same.*

### TO ALL WHOM IT MAY CONCERN:

Be it known that I, HENRY LOEWENBERG, of No. 1 Park Place, in the city, county, and State of New York, have invented a new and useful improvement in Printer's Ink; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same.

This invention relates to a compound for printer's ink, which contains sirup, molasses, honey, or other saccharine material or materials, with or without glycerine or oily matters, in such a manner that an ink is obtained which is more brilliant and less liable to fade than printer's ink made in the usual way.

In carrying out this invention, I take lampblack, or other suitable coloring matter, and add to it sirup, molasses, honey, or other equivalent saccharine substance, with or without glycerine or oily matter.

By using the ingredients in the following proportion a good result is obtained:

Oil, one part; sirup, or equivalent saccharine substance, four parts, with the requisite quantity of coloring matter. If a more soluble ink is desired, I take the ingredients in the following proportion: Oil, one part; sirup, or equivalent saccharine substance, four parts; glycerine, three parts, with the requisite quantity of coloring matter. In order to render the ink still more soluble, the proportion may be as follows: Sirup, or equivalent saccharine substance, four parts; glycerine, two parts, with the requisite quantity of coloring matter. A good ink is also obtained by using the following proportion: Sirup, or equivalent saccharine substance, four parts; oil, one part; glycerine, one part, with the requisite quantity of coloring matter.

By the use of sirup, molasses, honey, or other saccharine matter, an ink is obtained which is soluble and of superior brilliancy, and not apt to change by age, and by the addition of glycerine in greater or less quantities the ink is rendered more or less plastic. This ink is particularly useful for postage or revenue stamps, because if an attempt is made to remove the cancellation mark by any liquid the stamp is destroyed; or if a label is printed with this ink, and the attempt be made to remove the same from the vial, or other article to which it may be attached, for which purpose generally steam or liquids are employed, the print will be destroyed, and the label becomes useless.

What I claim as new, and desire to secure by Letters Patent, is—

1. A printer's ink made of sirup, molasses, honey, or other saccharine substance, in combination with suitable coloring matter, substantially as and for the purposes described.

2. A printer's ink composed of sirup, molasses, honey, or other saccharine substance, in combination with glycerine or oily matter, or both, and with suitable coloring matter, substantially as and for the purpose set forth.

HENRY LOEWENBERG.

Witnesses:

W. HAUFF,  
N. MEYER.